

**WHAT IS CLAIMED IS:**

1. A passive control system for taking a three dimensional picture, comprising  
a 2D-3D converting device with two ends, one of the ends connecting with  
a digital picture taking apparatus via a shift interface, the other one of the  
ends connecting with a data processing center, providing a preset program to  
regulate the digital picture taking apparatus with a start of scanning at a  
preset time;  
a rotary disk apparatus, providing a positioning interface to connect with a  
rotary disk, and the rotary disk being able to stay in place after turning a  
preset angular displace in accordance with the preset program;  
whereby, an object to be taken a picture is placed on the rotary disk is  
taken a picture by the digital picture taking apparatus as soon as the rotary  
disk is turned the preset angular displacement once; and a 2D signal  
generated by the digital picture taking apparatus is shifted to a 3D signal by  
way of the 2D-3D converting device for being treated as a 3D image by the  
data processing center.
2. The passive control system for taking a three dimensional picture according to  
claim 1, wherein the passive control system further comprises an illumination  
control device with an illumination interface to connect with at least an  
illumination device.
3. The passive control system for taking a three-dimensional picture according  
to claim 1, wherein each of the interfaces is a USB port, a 1394 port, or a  
RS232 port.
4. The passive control system for taking a three-dimensional picture according  
to claim 1, wherein the data processing center is a CPU/RAM/ROM.
5. The passive control system for taking a three-dimensional picture according  
to claim 1, wherein the angular displacement is 30°.

6. The passive control system for taking a three-dimensional picture according to claim 1, wherein each interface can use a port commonly or a port respectively.
7. The passive control system for taking a three-dimensional picture according to claim 1, wherein the data processing center is mounted in the control system.

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